

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

THE
MARYLAND FARMER

DEVOTED TO
AGRICULTURE, HORTICULTURE,
LIVE STOCK, RURAL ECONOMY, &c.

PUBLISHED MONTHLY BY
EZRA WHITMAN,
PROPRIETOR.

VOLUME TWELFTH.



BALTIMORE:

PUBLICATION OFFICE, No. 145 W. PRATT STREET,
In Whitman & Sons' Agricultural Buildings.
1875.



INDEX TO VOLUME TWELVE.

A

Agricultural—papers and publication, 11, 361; education, 34, 150, 161, 162, 165, 193, 235; department, 41; reports, 158; fairs, 19, 249, 325, 308, 339; societies, 84, 177, 222, 229; an *Ignius fatuus*, 271; and Spanish civilization, 272; colonies, 216, 347.
Agriculture—at the Centennial, 216.
Ashes—for cows, 31; wood, as fertilizer, 226; for flowers, 227; coal, for pear trees, 298.
Apple trees, lime for, 37; butter, 327; bruising, 283.
Alexandria, Va., rambles around, 48; and Baltimore, 174.
Apiary, Italian bees, 49; removing bees, 250; uniting swarms, 250.
American Dairymen's Association, 54.
Anne Arundel county, white hogs, 55.
American camellia, 77.
About one's self, 95.
Apricot, 107.
African bantams, 126.
Artesian wells, 180.
Analysis of soils, chemical powders for, 195.
Annual flowers, 221.
American Pomological Society, 222, 299.
Arab maxims, 336.
Alabama Claims, 360.
Address, Kent County Society, 233.
Australian wheat, 249.
Azalias, swamp, 252.
A rare chance, 374.
A clean Centennial, 375.
Ayrshire cattle, 380.
Ashes, wood and coal, 382.
A large cheap book, 382.

B

Black bass, in upper Potomac, 19.
Beautiful chromos, 26.
Butter, rancid, 33; avoid greasy, 35; warm weather, 293; butter or grain, 217; to make good butter, 218; butter and eggs, association, 115.
Baltimore markets, for January, 39; February, 65; March, 97; April, 129; May, 197; June, 229; July, 257; August, 287.
Bursting of fruits, 41.

Basket willow, 55.
Bouquets, 57; of buds, 150.
Bad Impressions, 78.
Beets, sugar, 79; transplanting, 153.
Baltimore Herald, 84.
Begonias, for bloom, 113.
Bones, 4,000 tons of, 120.
Boys and their mothers, 349.
Breaking heifers, 209; working barren ones, 272.
Breeding and care of cattle, 123.
Breeding of horses, 175.
Breaking colts, 241.
Blackening, cheap for farmers, 134.
Bottling cider, 333.
Black Beetle, 306.
Bedding plants, 206.
Blight, in wheat, 139.
Banking up pear trees, 187.
Black walnut, improving, 335.
Baltimore and Alexandria, 174.
Buckwheat, 145.
Baltimore to Bedford County, Pa., 200, 257.
Barn yard manure, 354.
Botanic gardens, Washington, 151.
Be quiet with stock, 273.
Biggest cantaloupe, 275, 307.
Belmont stock farm, 304.
Berkshires, the best, 305.
Bulbs, winter care of, 309.
Bread raisers, 347.
Blue grass, and mountains, 364.
Best farmers' paper, 371.
Buy the best, 377.
Baltimore, the commercial emporium, 378; integrity, 381.

C

Cows, ashes for, 31; with wooden leg, 49; working barren ones, 272; prolific, 175; average feed for, 227; structure of horns, 56; stables for, 180.
Cordial bitters, 21.
Cantaloupe, 275; largest yet, 307.
Crop returns, digest of reports, 21; Montgomery county, 210, 359.
Chats with the ladies, for January, 32; February, 63; March, 95; April, 127; May, 159; June, 190; July, 224; August, 254; September, 287; October, 319; November, 351.

Cribbing horses, 37.
 Cultivation of flax, 33.
 City refuse, tax on, 53; tree planting in, 368.
 Correspondence, foreign, 45.
 Commercial fertilizers, effects of, 54, 340.
 Chester white hogs, 55.
 Corn cob pipes, 55.
 Cabbages, early, 58.
 Canada Farmer, 61.
 Cotswold sheep, history of, 62.
 Cattle, gain in, 62; breeding and care, 123; remarkable, 176; care of young, 175.
 Catalogues and books, for January, 39; February, 64; March, 96; April, 128; May, 160; July, 228; August, 288; of poultry, 278.
 Corns, cure for, 67.
 Camellias, American, 77.
 Currants, 77.
 Curculio, 80.
 Co-editor's debut, 82.
 Compost, nitre beds, 87.
 Closing cracks in stoves, 103.
 Close of the 12th volume of the Farmer, 253.
 Corn, cultivation of, 115; sweet, 149; forage 168; corn cribs and granaries, 364; large ears, 381.
 Clover, prepare seed, 136; curing hay, 225; to turn under, 269; meadows, 344; with corn, for hogs, 305; failure of a stand, 276, 294.
 County fairs, 282; in 1875, 338.
 Celery, healthful, 147; easy to grow, 183.
 Constituents of hay crop, 158; clover and corn, 305.
 Choice pears, 275.
 Cultivation by steam, 150.
 Cultivation, what is it? 295.
 Common school education, 150.
 Cisterns, collecting rain water, 166.
 Cost of fences, in United States, 171.
 Carriage roads, hints on, 172.
 Cheese factories, 173; industry of, 248; in Harford County, 275; sage cheese, 331.
 Currant cuttings, 316.
 Creameries, 173; deep or shallow setting milk, 144.
 Connecticut Poultry Exhibition, 344.
 Comparative areas, 270.
 Cherries, notes on, 184; Mahaleb and Mazzard stocks, 252.
 Chemical powders, for analyzing soils, 195.
 Colorado bugs, 210; beetle exterminator, 211.
 Charcoal and sulphur, for hogs, horses and hens, 307.
 Can ants talk? 240.
 Colt breaking and training, 241.
 Concentrated manures, 247.
 County roads, 264.
 Cotton manufactures, in the South, 266.
 Cider barrels, to clean, 269.
 Contents of cribs and granaries, 364.
 Call and see us.
 Col. D. S. Curtiss, 370.
 California labor, 378.
 Clove tree, 379.
 Cauliflower and corn, 380.
 Coarse victuals, &c., 382.

D

District of Columbia and Southern Maryland Association, 21.

Dairy, deep or shallow setting of milk, 46, 144, 181; gulf stream, 83; about milk, 121; treatment of cows, soiling, 143; butter in warm weather, 293; spring house, 92, 93; constituents of milk and cream, 145; temperature of 182; keeping clean, 208, 217; good dairy, and how to make good butter, 218; wet or dry dairy houses, 238; rye for milch cows, 281; breaking heifers, 209; table talk on, 317; percentage of cream from milk, 47.
 Danger to stock, from gypsum, 181.
 Digest of crop returns, 21, 359.
 Dummett's orange grove, 39.
 Does steaming food pay, 74.
 Ditches for water, 169.
 Dishonest tree venders, 341.
 Daphne Indica, 334.
 Dogs and sheep, 182; sheep dog, 345.
 Drouth and flood, 298.
 Decaying leaves, 202.
 Do we sow too much seed to the acre, 332.
 Dukes and Duchesses, 209.
 Ditches, Virginia, 232.
 Dutch bulbs, 239.
 Domestic recipes, 256.
 Draining, on colossal scale, 293.
 Death of vines, bushes, &c. after a cold winter, 330.
 Dogs and fences, 379.
 Do your best, 375.

E

Education, more practical, 34; common school, 150; agricultural collegiate, 162, 165, 193, 235.
 Essay, on puccina, 16; on management of farm, in Piedmont, Va, 42.
 Early vegetables, 28; cabbages, 58.
 Eggs, in case of trouble, 33; of fancy breeds, 35.
 Evergreens, 28; ivy, 76; among fruit trees, 40; best, 185; care of, 221.
 English walnuts, 60; machinery, trials of 81; crops, 52.
 Effects of commercial fertilizers, 54.
 Eucalyptus globulus, 42; seeds of, 192.
 Euonymus, new, 59.
 Early tomatoes, 61.
 Endless fund of knowledge, 373.
 Egg and Butter Association, 115.
 Experimental farm, Penn., 116.
 Egyptian sprouting lettuce, 147.
 Earthing potatoes, 153.
 Early planting, 178.
 Extent of peach planting, 278.
 Exhibition, Harford County, 325.

F

Farming, in Maryland and Virginia, 2.
 Farming vs. plodding, 8.
 Farming without manure, 39, 63, 102.
 Farmers and Fruit Growers' (Va.) picnic, 279.
 Farmers' Woodlawn (Va.) club, 17, 56, 104, 125, 174, 223, 269, 314; families of, 362.
 Fancy poultry, 35; eggs, 35.
 Fairies, in Virginia, 348; Frederick County, Md., 249; in Montgomery county, 249; Harford county, 325.

INDEX TO VOLUME XII.

V

Farm, accounts, importance of, 124; papers, 38; stock, 346; work, for January, 4; February, 35; March, 65; April, 99; May, 131; June, 163; July, 196; August, 227; September, 260; October, 289; November, 323; December, 556.
 Fall and winter manuring, 31; seeding timothy, 347; plowing for corn, 349.
 Failure, of a clover stand, 276, 294.
 Fattening hogs, 336.
 Fence tax, onerous, 90, expense, \$98,000,000, 171.
 Feeding short horns, 241.
 Festivities, Washington, &c., 50.
 Fertilizers, commercial, 340.
 Fruit growers, Potomac, 30, 44, 80, 111, 154, 188. 215, 236, 279, 334, 361; soils and culture, 61; extent in United States, 250; pruning, 103; manure for, 249; prospects of, 111; in Maryland, 152; planting, 321.
 Fish scrap, as a fertilizer, 34; gold, feeding, 26.
 Flax, its cultivation and care, 33.
 Foreign correspondence, Paris, 45, 106.
 Flannel's, washing of, 52.
 Friends and foes, to property, 89.
 Fultz wheat, yield, &c., 138, 345.
 Frost, effects of, 146.
 Forage, corn for, 168.
 Fumigating poultry houses, 207.
 Floral show, great in Ohio, 342.
 Feeding bees, 349.
 Fox hunt, in North Carolina, 366.
 Fox, or wild grapes, in Maryland, 297.
 Fairs and club meetings, 374.
 For convenience of all, 376.
 Farm implements, 382.

G

Gardeners, indoors, 45.
 Garden seeds, 57.
 Gardens, botanical, Washington, 151.
 Gardens, small farmer's, 167.
 Garden work, for January, 4; February, 37; March, 67; April, 100; May, 133; June, 164; July, 198; August, 228; September, 262; October, 291; November, 323; December, 357.
 Grass and sheep, 9.
 Grass, for sandy soils, 20; pampas, 29; Hungarian, 39, 69, 105; orchard, in Kentucky, 101; red top, 232.
 Green houses, 20.
 Grape culture, 11, 17; pruning, 108; best varieties, 137; large grapes, 339; trenching for, 183; grape vine bleeding, 113; diseases, 316; cuttings, 316; fox or wild, 297.
 Greeting for New Year's, 22.
 Grasshopper plague, 22; flying grasshoppers, 194; Gold Fish, feeding, 26.
 Grazing, with sheep, 53.
 Gulf stream dairy, 83.
 Granges, National, 148: Maryland and New York, 94, 253 276; State, 119, 357; Prince George's county, 151.
 Grafts and plants, by mail, 110.
 Green forage, in pits, 129.
 Gypsum, plaster, 169; on manure piles, 69; effects, 207; with clover, 262.

Great trees, of California, 203.
 Green manuring, 145.
 Gleanings, from pear orchard, 296.
 Gooseberry cuttings, 316.
 Grain, seed to the acre, 332.
 Great floral show, in Ohio, 342.
 Gunston, farm in Virginia, 346.
 Granaries and corn cribs dimensions, 364.
 Great fox hunt, in North Carolina, 366.
 "Grafton," the stallion, 288.
 Greeting to our readers, 370.
 Good way to get up clubs, 373.
 Great results, &c., 374.
 Give it another trial, 380.
 Gentiana andrusii, 382,

H

Horticulture, in Maryland, 321; spring hints, 27; woods and forests, 57, 75, 107, 152, 183, 251, 283.
 Horticultural Society, premiums, 52; exhibition, 189; June, 225.
 Happy New Year and our National production, 22.
 Horses, cribbing, 37; breeding of, 175; sales of, 178; notes on, 192; colt breaking, 241; feet of, 240; the horse "Grafton," 288; horse items, 192; Hungarian, grape, 303; grass, 39, 69, 105, 249.
 Hay, nutritive value of, 133; constituents of, 158.
 Harrowing and rolling, winter wheat, 52.
 Home manures and fertilizers, 130.
 Home resources, wasting of, 52.
 How to grow big corn, 95.
 Hedge plants, 60; for fences, 230, 270.
 Hydrophobia among sheep, 62.
 Hungary, live stock in, 182.
 Hard times, 106.
 Harsh treatment of animals, 205, 272.
 Herefords, cattle, 305.
 Hullless Oats, 210.
 Hay vs. Cotton, 210.
 How to estimate crops, in the field per acre, 272.
 Hydrangeas, 334.

I

Illustrations, sunbeam, 61; Wilkinson's Ventilator, 14; table ornaments, 37; barn and stables, 42; underdrains, 97; Egyptian lettuce, 147; Euonymus, new, 59; sugar beets, 79; cisterns, 166; to destroy moles, 109; water and windmill, 135; cabbage and egg plants, 164, 165; water melon, 180, flowers and pots, 190, 191; Brussels sprouts, 228; winter garden, 364; window garden, 368.
 Indoor gardens, 45; ice crop, 91; inch of rain, 275.
 Italian Bees, superiority of, 49.
 Ivy, evergreen, 76; improve the culture, 155.
 Important facts, 88; irrigation for potatoes, 346.
 In memoriam, Daniel Scully, 91.
 Improving barn yard fowls, 126.
 Improving the black walnut, 335.
 Improvement of worn-out land, 117.
 Important to dairymen, 121.
 Industrial Departments of Government, 105.

J

January number, notes on, 38.
Jenifer Arabian, 129, 352.
Jelly cake premium, 381.
Jersey cows, 382.
Just how it works, 377.

K

Kalsomining, walls of rooms, 172.
Kent County Fair, address of, 233.

L

Lice on pigeons, 24.
Long wool grade of sheep, 36.
Lime, for apple trees, 37; different kinds, 170.
Live Stock Journal, 61; large steers, 342.
Lima beans, sometimes called butter beans, 75.
Labor troubles, 86; lucern, 306.
Lawns, 110, 126; lilies, 315.
Lime and Clover as renovators of land, 140.
Large crops from thin seeding, 146; large trees, 185.
"Lexington," the racer, dead, 243.
Loss of weight of animals in winter, 162.
Loss of property by fire, 211.
Lettuce, Egyptian sprouts, 147; splendid, 178.
Long leisure evenings, 373.
Lecture by Prof. Uhler, 377.

M

Maryland Agricultural Society, spring meeting, 84;
May meeting, 177; notice of the annual fair, 242; annual exhibition, 274; proceedings and results of the fair, 308; plowing match, 309.
Maryland Horticultural Society, 369; December meeting, 25; January meeting, 50; February, 84; March exhibition, 120; April exhibition, 166; May, 189; June, 212; notice for September exhibition in Armory Hall, 274; notice that it was held September 5th, 310; list of premiums awarded, 312; and officers elected, 313.
Maryland Agricultural College, 161; letter of trustees, 196; election of president, 243; course of studies, 275; meeting of the board, 322.
Maryland Poultry Association, 18, 35, 51, 272, 278, 376; winter exhibition, 339.
Maryland Jockey Club, 19, spring meeting, 210.
Maryland and Virginia farming, change of system, 2; among the farmers of, 297.
Maryland, resources of, 328.
Maryland fruits, 152.
Maryland farms, 557.
Milk producers, meeting of, 23.
Manures, sheltering, 26; stable, 49; for wheat, 55; importance of, 140; in fall and winter, 31; barnyard, 354, 130; concentrated, 247; on grasses, 271; for fruit trees, 249; of different animals, 341.
Management of factories, cheese and butter, 173.
Market gardens of Paris, 28.
Maiden's hair, tree and spruce, 153.
Mammoth Radish, 29.
Minnesota, wheat crop of, 298.
Markets, Baltimore, 31, 65, 97, 129, 169, 194, 229, 257, 289.
Marls, in Maryland, 297.

More practical education, 34.
Moisture, bursting of fruit, 41.
Milk, deep or shallow setting, 46; per centage of cream, 47; disease, 94; condensed, 122; garlicky, 122; milk fever in cows, 336.
Montgomery County Society, 85.
Mount Vernon Springs, in Virginia, 266.
More cattle and provisions, 88.
Mountains and blue grass, region of, 364.
Mangolds, 107; May day, 111; Moles, 109.
Mulching and top-dressing lands, 184.
Milk weeds, 219.
Mrs. Lincoln Phelps, 255.
Mount Hope nurseries, 372.
Maine Pomological Society, 373.
Manufacturers and dealers, fertilizers, 375.
Maryland farming, 378.
Maryland Institute, 372.
Mulching bushes and vines, 379.

N

New Year, new volume, 1875, I.
New Euonymus, 59.
Notes, on January Number, 38; agricultural department, 41.
Numerous family, 76.
Nitre beds, compost, 87.
Number of things, for farmers, 90.
National Grange of Patrons of Husbandry, 148.
Night shade, for insects, 278.
Newspapers, real value of, 361.
Noxious insects, in gardens, 198.
Nails in fruit trees, 382.
Notes of information, 375.

O

Obituaries of, Col. Chapman Billingsly, 20; Pashall Morris, 146; Dr. T. O. Wharton, 178.
Oats, Hulless, 210.
Oranges and sugar, crops of, 17; culture, 138.
Owners of short-horns, 26.
Old stock, 56.
Ornamentals, supports for, 81.
Orchard grass, in Kentucky, 101.
Oleomargarine, artificial butter, 246.
On the wing, bird's eye views, 257.
Osage hedges, winter treatment, 353.

P

Painting old buildings, 222.
Paris Gardens, market, 28.
Pampas, grass of, 29.
Patrons of Husbandry, 151, 374.
Poetry, the pure, 3; Floweret's warning, 159; evanescence, 191; on the wing, 257; power of love, 254; 5th Md. Regiment, 255; Washing day, 256.
Peaches, Beatrice, 9; succession of, 79; age of, 187; grower's profits, 251; early, 284; early, 118; Hale's early, 110; the coming one, 179; crop of, 246; orchards, 292; early, 322; the Alexander, 367; planting trees, 321.
Pears, three good ones, 108; cultivation of, 186; banking up trees, 187; diseases and insects, 204; Autumn pears, 219; marketing, 229, 275; transplanting large trees, 285; more attention, 368; planting trees, 321.

Potomac Fruit Growers, club of, 30, 44, 80, 111, 154, 188, 215, 236, 279, 331, 361; efforts for cheap transportation, 279.

Potomac real estate, value of, 72.

Puccinia, essay on, 16.

Poultry Association, State, 18; fancy, 35; show, 51; Lehigh Valley, 250; chicken cholera, 272; catalogue of, 278; improving, 126; African bantams, 126; age to breed from, 126.

Poultry, which breed eats most, 182; thorough bred fowls, 182; fumigating houses, 207; crops of, 272; charcoal and sulphur, to prevent lice, 307; notice January meeting, 339.

Pigeons, lice on, 25; crops opened without injury, 272.

Premium tobacco, fine samples of, 20; Vick's floral, 26.

Public roads, report of the State Committee, 24.

Pedlers and auctioneers of trees and plants, 29.

Percentage of cream in milk, 47.

Popular shade trees, 58.

Planting fruit trees, 321, 350.

Practical farmer, 61.

Practical remarks on roots, 87.

Pea culture, 77; garden peas, 253; pea vine clover, 215.

Plaster, gypsum, 169; on manure piles, 69; effects of, 207; with clover, 222.

Provisions against drouth, draining, mulching, &c., 73.

Phylloxera, destruction of, 91.

Pruning grape vines, 108.

Plants and grafts by mail, 110.

Prolific cow, 175.

Piscatorial progress, 142.

Potatoes, 142; earthing up, 153; crop and beetle, 253; culture, 262, suggestions to growers, 157.

Plan for pig pen, 345.

Peerless water melon, 180.

Publications, 192, 228, 256, 285.

Piedmont Fair, Virginia, 348.

President Educational Association, illness of, 227.

Pork, Cassel, Germany, 366.

Profits of sheep, near Philadelphia, 228.

Plant food, constituents of, 230.

Phelps, Mrs. Lincoln, 255.

Preserving wheat in the shock, 302.

Progress in Maryland, 377.

Prevent winter killing, 381.

Potash salts, for farming, 380.

Piedmont, Va., Society, 380.

Q

Quince, culture of, 76; profits of, 346.

Quiet, with stock; 273; with teams, 332.

R

Root crops, yield of beets, 4; amber globe turnip, 5.

Radish, mammoth, 29.

Rancid butter, to sweeten, 33.

Roman vegetables, 28.

Rambles, around Alexandria, Va., 48.

Rain fall, an inch, 275; effects of trees on, 197.

Road committee, meeting of, 51, 264.

Real estate, condition of on the Potomac, 72.

Roses, new and old, 75; cultivation of, 187; winter, 284.

Rice, production of, 106.

Reed, Gov. Amos, farm of, in Maryland, 141.

Rotation of crops, in Hungary, 136; cropping, 225, 295.

Rust in wheat, 139.

Renovation, of worn-out land, 140.

Remarkable cattle, 196.

Rhubarb, 184.

Review of May number of Farmer, 202.

Red top grass, 232.

Ridging *vs.* surface planting, 237.

Rye for cows, in the spring, 281.

Real value, of newspapers, 361.

Resources, of Maryland, 328.

Rolling land, to level and crush, 350.

Reduction of elevator charges, in Baltimore, 360.

Recipes, sweet cider, 33; salt fish, 33; flannel, 52; lemon juice, diphteria, 112; soapstone, 126; muddy water, 215; spavin, sprains, liniment, 63; roup in fowls, 63; scratches and gravel, 63; ringing hogs, 63; sulphur for sheep, 63; film from colt's eyes, lousy stock, proud flesh, sweeny, caked bags, grubs in horses, lice on stock, 124; bathe horses shoulders, 142; kicking cows, caked udder, warts, ticks on sheep, sulphur and salt, horses rubbing hair off, hernia, 176; waffles, 224; cure for moles, 228; chicken cholera, 272; to make simple colors, 228; dyspepsia, 255; domestic recipes, 256; moths in carpets, 211; Maltby house strawberry cake, 224; for sealing fruit cans, 243; to get rid of stumps, 271; clean cider barrels, 269; to drive away ants, 347; stifle, 337; bots, to cure, 337; liniment for animals, 337; cats catching chickens, 337.

Rain water, collecting and preserving, 166.

S

Sandy soils, grasses suited to, 20.

Sage cheese, mode of making, 331.

Saving seed corn, to get large yields, 246; sugar corn, 149.

Sunbeam, 6; sour kraut, 7; spontaneous combustion, 10.

Sheepgrass, for grazing, 9; sugar and orange crops, 17.

Sheep, long wool grade, 36; ticks on, 37; hydrophobia in, 62; shropshires, 145; tobacco chewing, 145; killed by dogs, 182; profits of, 228; fine imported, 250; sheep *vs.* cows, 203, 264; sheep dog, 345; sweet turnips for, 203.

Southern Maryland and District of Columbia Association, 21.

Sheltering manure, 26.

Snake bite, 342.

Shorns horns, owners of, 26.

Scions, how to cut, 34.

Swine, thoroughbred, 36; in and in-breeding, 72; pens for, 209; berkshires, the best, 305; sulphur and charcoal for, 307.

Strawberries, culture of, 40; fall care, 251.

Stable manure, management, 49.

Steam road wagons, 51.

Small industries, 55.

Structure of cows' horns, 56.

Super phosphate, of lime, 56.

Shade trees, popular, 58.

Seeds, to the acre, 59.

Steaming food, 74; smoke tree, 76.

Shrinkage in farm products, 344.
 Succession of peaches, 79; sugar beets, 79.
 St. Mary's county, Md., 270.
 Sound policy, 118; storing corn, 350.
 Start moderately, then go ahead, 127.
 Sale of Herefords, 127; of stock, 288; large steers, 342.
 Storing green forage, in pits, 129.
 Seasonable hints, 140; spiders, 185.
 Silica, injurious, 147; sewage, 227.
 Steam, cultivation by, 150.
 Sales, of blooded stock, 167; of thoroughbred, 247.
 of land, in Talbot county, Md., 243.
 St. Mary's county, Md., farms in, 270.
 Small farms, gardens, 167; advantages, 177.
 Stumps, how to get rid of them, 271.
 Successful farming, how to do it, 345.
 Sunflowers, 168; for bees, 207.
 Stables, slope to the rear, 180.
 Successsion of vegetables, 184.
 Splendid farm, for sale, 256.
 Soil culture, to preserve, 248; for fruits, 187.
 Short horns, in England, prices, 213.
 Southern magazine, 223.
 Shade trees, ornaments, 221.
 Simple colors, how to produce, 228.
 Sowing grass seed, 232.
 Sow your own seed, 240.
 Son of an Arab, 352.
 Science, made easy, 240.
 Scientific discipline, of the mind, 363.
 Succulent feed, winter care, 285.
 State fairs, held in 1875, 249.
 Sheep vs. dogs, 369.
 Shall it be done? 371.
 Sovereigns of industry, 372.
 State fairs and the Centennial, 378.
 Sewing machines, 381.

T

Turnips, amber globe, 5.
 Tobacco, premium, 20; crop of 1874, 52; curing, 78; worms, 226; crop of 1875, 271; large leaves, 306; Connecticut, 335; interests doubly taxed, 358; sheep chewing, 145.
 Tilghman, Gen. Tench, death of, 20.
 Tree and plant, pedlers and auctioneers of, 29.
 To readers of the Farmer, 34, 82.
 To cut scions of fruit trees, 34.
 Toads, use of, 37, 266.
 Thanks to friends, 50.
 Tax on city refuse, 53.
 Tomatoes, early, 61; healthy, 147; Trophy, 152.
 Trials of machinery, English, 81.
 Trimming fruit trees, 103.
 Trap for worms, 110.
 Top-dressing land, reasons for, 125; meadows, 170, 322.
 Turkeys, age to breed from, 126.
 The garden, its worth, 128.
 Tree venders, dishonest, 341.
 Tartarian Honeysuckles, 335.
 Teams, treatment of, 332.
 Tuberoses, 178; winter, 284; tulip tree, 334.
 Travelling notes, 179.
 Trenching for grape vines, 183.
 The future farmer, his progress and status, 193.
 Trees, as lightning conductors, 315; effects on rain fall, 197; beautiful tree, 220.
 Timothy, fall seeding, 347.

Trip among the thorough breeders, 214.
 Transplanting beets, 153.
 To estimate cribs and granaries, 364.
 Tritoma, 367.
 Tree planting, in city, 368.
 Twelfth volume, close of, 253.
 The fate of magazines, 373.
 Tobacco inspection, 376.

U

Useful facts, tethers for cattle, 345; mulching land, 345.

Underdraining, with shells, 70, 97.
 U. S. Centennial, commissioners, 160.

V

Ventilation, Wilkinson's patent, 14.
 Vannort, Dr. Adam, death, 20.
 Vick, James, and grasshoppers, 22; floral premiums, 26.
 Vegetables, early, 28; for succession, 184.
 Value of evergreens, 40; verbenas, 78.
 Visitors, acknowledgment of, 114.
 Virginia ditchers, Randolph's, 232.
 Vinegar, cheap, 240.
 Visit, to C. B. Moore's, 265.
 Value of waste lands, 293.
 Virginia State Fair, 362.
 Virtues of pumpkins, 228.

W

Wheat, less seed to the acre, 5; winter rolling and dragging, 52; Fultz, 138; fine wheat, 247; culture of, 292; crop appearance, 247; large yields, 247; Australian, 249; after clover, 304; heavy yield, 304; winter wheat, 342.

Wilkinson's patent ventilator, 14.

Washington, festivities and flowers, 50.

Woods and forests, 27.

Woodlawn Farmers' club, meetings, 17, 56, 104, 125, 174, 223, 269, 314.

Waste of home resources, 52; washing flannels, 52.

Willow baskets, 55; working steel, 105.

Wool, black, 79; water, 135.

Worn lands, renovation of, 140.

Why farming pays no better, 141.

Window gardening, 156, 368.

Winter gardening, 364.

Words of cheer, 160.

Why go West? 161.

What constitutes a true farmer, 333.

Water ditches, 169.

Watermelons, peerless, 180.

Wistarea, 220.

Washington city, 223.

Wood ashes, as a fertilizer, 226.

When to harvest wheat, 333.

Why cattle require salt, 241.

Wild goose plum, 252.

What will make hens lay, 272.

Working barren cows, 273.

Waste lands, value of, 293.

What is cultivation? in its true light, 295.

Wiser to preserve, than destroy fertility, 295.

What say you all? 372.

What our neighbors think of us, 380.

X

Young stock with cows, not safe, 241.